

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings of claims in the application:

LISTING OF CLAIMS:

1. (currently amended) A speed changer with predetermined gears for control by cables, based on a single rotating grip, ~~of gearshifts connected respectively to an elastic return member,~~ said changer comprising:

two cable operating mechanisms located within a case, a first one of said operating mechanisms is for a cable of a front gearshift, a second one of said operating mechanisms is for a cable of a rear gearshift, the second operating mechanism, jointly in rotation with the rotating grip, being configured to induce release or pulling of the cable for the rear gearshift during rotation of the rotating grip in a same direction,

wherein a rotary assembly formed at least from the second operating mechanism and the rotating grip is rotationally coupled intermittently to the first operating mechanism, the first operating mechanism, when coupled, induces pulling or release of the cable of the front gearshift depending on a direction of rotation of the rotating grip.

2. (previously presented) The speed changer according to claim 1, wherein the rotary assembly formed from the second

operating mechanism and the rotating grip is rotationally coupled in an intermittent manner to the first operating mechanism via at least one element that rotates jointly with the rotating grip and that moves axially in a direction parallel to an axis of rotation of the rotating grip during rotational displacement of the rotating grip.

3. (withdrawn) The speed changer according to claim 1, wherein the intermittent rotary coupling of the assembly composed of the second operating mechanism and the rotating grip with the first operating mechanism is obtained by at least one axial displacement of the second operating mechanism in a direction essentially parallel to an axis of rotation of the rotating grip during one rotation of the rotating grip.

4. (previously presented) The speed changer according to claim 1, wherein the assembly formed by the second operating mechanism and the rotating grip is rotationally coupled intermittently with the first operating mechanism by jaw clutching.

5. (previously presented) The speed changer according to claim 4, wherein a jaw extends between the first operating mechanism and the second operating mechanism, teeth of the jaw

equipping one of the first and second operating mechanisms mounted with angular play to take-up the angular play.

6. (previously presented) The speed changer (1) according to claim 1, wherein the second operating mechanism is composed of a drum that rotates jointly with the rotating grip, an outside periphery of said drum comprising at least one track for guiding a head of the cable of the rear gearshift, said head moving translationally in a direction that is essentially parallel to an axis of rotation of the rotating grip as said head follows a profile of the at least one track obtained by rotation of the rotating grip, displacement of said head, depending on the direction of translational movement, inducing release or pulling of the cable of the rear gearshift.

7. (previously presented) The speed changer according to claim 6, wherein the head is composed of two lugs that interwork alternately with one segment of the at least one track of the drum, the at least one track being composed of two segments that are axially offset.

8. (previously presented) The speed changer according to claim 6, wherein the head is provided with a spring that returns part of the head in permanent contact with the at least one track.

9-14. (cancelled)

15. (withdrawn) The speed changer according to claim 2, wherein the intermittent rotary coupling of the assembly composed of the second operating mechanism and the rotating grip with the first operating mechanism is obtained by at least one axial displacement of the second operating mechanism in a direction essentially parallel to an axis of rotation of the rotating grip during one rotation of the rotating grip.

16. (previously presented) The speed changer (1) according to claim 2, wherein the assembly formed by the second operating mechanism and the rotating grip is rotationally coupled intermittently with the first operating mechanism by jaw clutching.

17. (previously presented) The speed changer (1) according to claim 2, the second operating mechanism is composed of a drum that rotates jointly with the rotating grip, an outside periphery of said drum comprising at least one track for guiding a head of the cable of the rear gearshift, said head moving translationally in a direction that is essentially parallel to an axis of rotation of the rotating grip as said head follows a profile of the at least one track obtained by rotation of the rotating grip, displacement of said head, depending on the

direction of translational movement, inducing release or pulling of the cable of the rear gearshift.

18. (withdrawn) The speed changer (1) according to claim 3, the second operating mechanism is composed of a drum that rotates jointly with the rotating grip, an outside periphery of said drum comprising at least one track for guiding a head of the cable of the rear gearshift, said head moving translationally in a direction that is essentially parallel to an axis of rotation of the rotating grip as said head follows a profile of the at least one track obtained by rotation of the rotating grip, displacement of said head, depending on the direction of translational movement, inducing release or pulling of the cable of the rear gearshift.

19. (previously presented) The speed changer (1) according to claim 4, the second operating mechanism is composed of a drum that rotates jointly with the rotating grip, an outside periphery of said drum comprising at least one track for guiding a head of the cable of the rear gearshift, said head moving translationally in a direction that is essentially parallel to an axis of rotation of the rotating grip as said head follows a profile of the at least one track obtained by rotation of the rotating grip, displacement of said head, depending on the

direction of translational movement, inducing release or pulling of the cable of the rear gearshift.

20. (previously presented) The speed changer (1) according to claim 5, the second operating mechanism is composed of a drum that rotates jointly with the rotating grip, an outside periphery of said drum comprising at least one track for guiding a head of the cable of the rear gearshift, said head moving translationally in a direction that is essentially parallel to an axis of rotation of the rotating grip as said head follows a profile of the at least one track obtained by rotation of the rotating grip, displacement of said head, depending on the direction of translational movement, inducing release or pulling of the cable of the rear gearshift.